

7 tons, respectively. Since the Castle Hayne monitor observed SO₂ concentrations well below the 1-hour SO₂ standard, the NCDENR believes that it is reasonable to exclude this portion of New Hanover County.

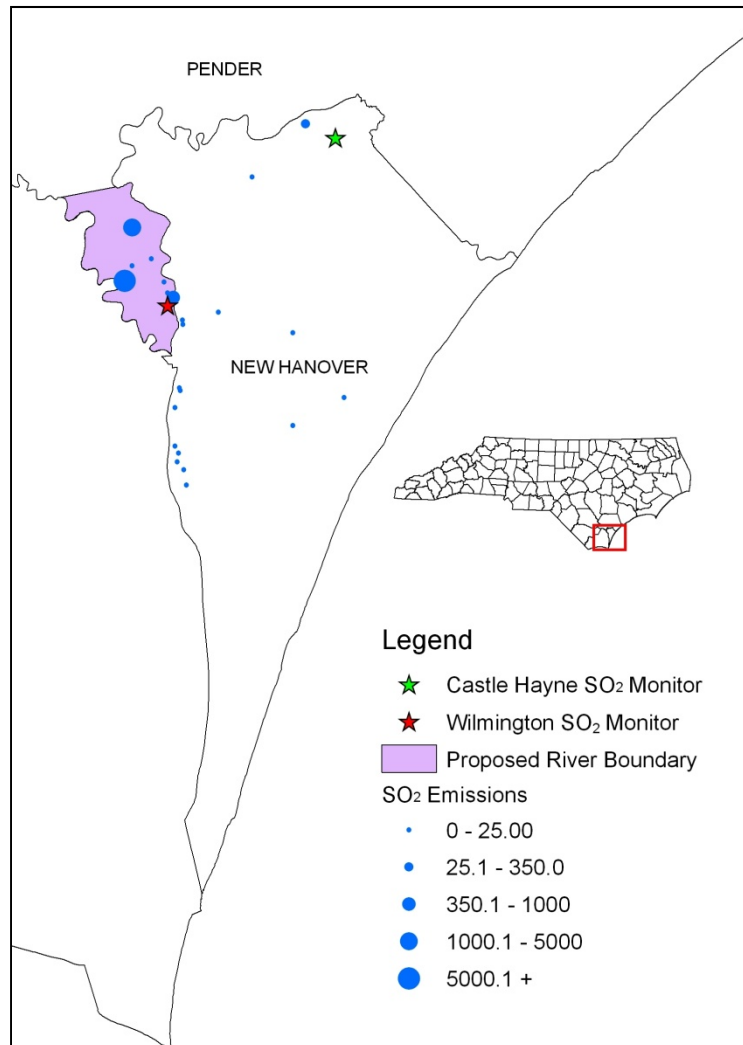


Figure 3. Monitor and Source Locations in New Hanover County

Emissions-Related Data

The top ten SO₂ emitting facilities in New Hanover County are listed in Table 2 below. The emissions reported in Table 2 are for 2009 except for National Gypsum and Vopak Terminal. For these two sources, the last reported emissions are included in the table. Five of the top ten emitters are located in the North Carolina recommended nonattainment area and these account for 98 percent of New Hanover County's total SO₂ emissions (Figure 4). Additionally, the NCDENR looked at sources located in Brunswick and Pender Counties. There are two large SO₂ sources located in Brunswick County: DAK America with 2,167 tons of SO₂ per year and CPI